

AMENDMENTS TO THE SPECIFICATION

Please amend Paragraph [0046] of the specification as follows:

[0046] Referring still to FIG. 3, the common electrode 320 and the encapsulated electrophoretic display media 310 are driven to a voltage V1 by connecting the electrode 320 and media 310 to a voltage supply line maintained at this voltage via a switch 312 controlled by a signal generator 305. The electrical signal applied to the encapsulated electrophoretic display media 310 through the common electrode 320 may be either an alternating-current (AC) field, a direct-current (DC) field, or some combination of the two. Then, the common electrode 320 is disconnected from the voltage V1 by the signal generator 305 opening the ~~by a switch 312~~ and is connected to an auxiliary circuit, for example, an analog switch 315 controlled by the signal generator 305. Then, the encapsulated electrophoretic display media 310 and the back electrode 330 are driven to a voltage V2. The potential difference (V2-V1) is measured by the high-impedance voltage measurement circuit 350.